

# Comparisons of Job Characteristics

**Focus Occupation:** [Emergency Management Specialists \(13-1061\)](#)

**Associated Occupation:** [Epidemiologists \(19-1041\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 31

**Focus Occupation:** Emergency Management Specialists (13-1061)

**Associated Occupation:** Epidemiologists (19-1041)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mathematics	9.2	18.7	8.8	<<	Extensive education and/or training may be required
English Language	11.2	17.6	15.5	<	Expanded education and/or training may be required
Biology	3.7	16.5	6.2	<<	Extensive education and/or training may be required
Medicine and Dentistry	3.7	12.7	4.8	<<	Extensive education and/or training may be required
Sociology and Anthropology	4.1	11.6	9.3	<	Expanded education and/or training may be required
Geography	3.9	8.8	11.6	>>	Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 65

**Focus Occupation:** Emergency Management Specialists (13-1061)

**Associated Occupation:** Epidemiologists (19-1041)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Science	4.5	18.2	3.8	<<	Extensive development of skills in this area may be required
Reading Comprehension	10.7	16.7	14.1	<	A higher skill level may be required
Active Listening	11.0	14.6	13.2	<	A higher skill level may be required
Critical Thinking	10.8	14.6	14.8	0	Current skill level may be sufficient
Writing	9.2	14.3	13.8	0	Current skill level may be sufficient

Complex Problem Solving	9.1	13.9	16.3	>	Skill level is likely sufficient
Judgment and Decision Making	9.4	13.9	13.5	0	Current skill level may be sufficient
Monitoring	9.9	13.3	13.6	0	Current skill level may be sufficient
Active Learning	8.7	13.0	12.2	0	Current skill level may be sufficient
Coordination	9.1	11.8	15.1	>>	Skill level is likely more than sufficient
Systems Analysis	6.5	11.8	12.6	0	Current skill level may be sufficient
Systems Evaluation	6.4	11.5	11.5	0	Current skill level may be sufficient
Mathematics	6.2	11.0	8.3	<<	Extensive development of skills in this area may be required
Operations Analysis	5.0	9.5	8.9	0	Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Abilities

Similarity of Focus Occupation to Associated Occupation: 95

**Focus Occupation: Emergency Management Specialists (13-1061)**

**Associated Occupation: Epidemiologists (19-1041)**

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Oral Comprehension	12.5	16.4	14.5	<	Some improvement in abilities may be required
Problem Sensitivity	11.1	16.2	14.5	<	Some improvement in abilities may be required
Written Comprehension	11.0	16.0	14.5	<	Some improvement in abilities may be required
Oral Expression	12.4	15.7	14.5	0	Current ability level may be sufficient
Inductive Reasoning	10.2	15.2	13.5	<	Some improvement in abilities may be required
Written Expression	9.8	15.0	14.2	0	Current ability level may be sufficient
Deductive Reasoning	10.6	14.6	14.5	0	Current ability level may be sufficient
Category Flexibility	9.0	12.2	11.1	0	Current ability level may be sufficient
Fluency of Ideas	7.6	11.8	13.0	>	Current ability level is likely sufficient
Mathematical Reasoning	6.3	11.5	7.4	<<	Extensive improvement in abilities may be required
Number Facility	6.3	11.0	7.5	<<	Extensive improvement in abilities may be required
Memorization	5.6	8.4	7.7	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 54

**Focus Occupation: Emergency Management Specialists (13-1061)**

**Associated Occupation: Epidemiologists (19-1041)**

Work Activities	Exclusivity of Activity
Conduct training for personnel	30
Develop policies, procedures, methods, or standards	21
Direct and coordinate activities of workers or staff	3
Oversee execution of organizational or program policies	49
Use hazardous materials information	35

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 85

**Focus Occupation: Emergency Management Specialists (13-1061)**

**Associated Occupation: Epidemiologists (19-1041)**

Tools and Technologies	Exclusivity
Computers	1
Content authoring and editing software	1
Data management and query software	1
Industry specific software	1
Information exchange software	1
Network applications software	1

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.